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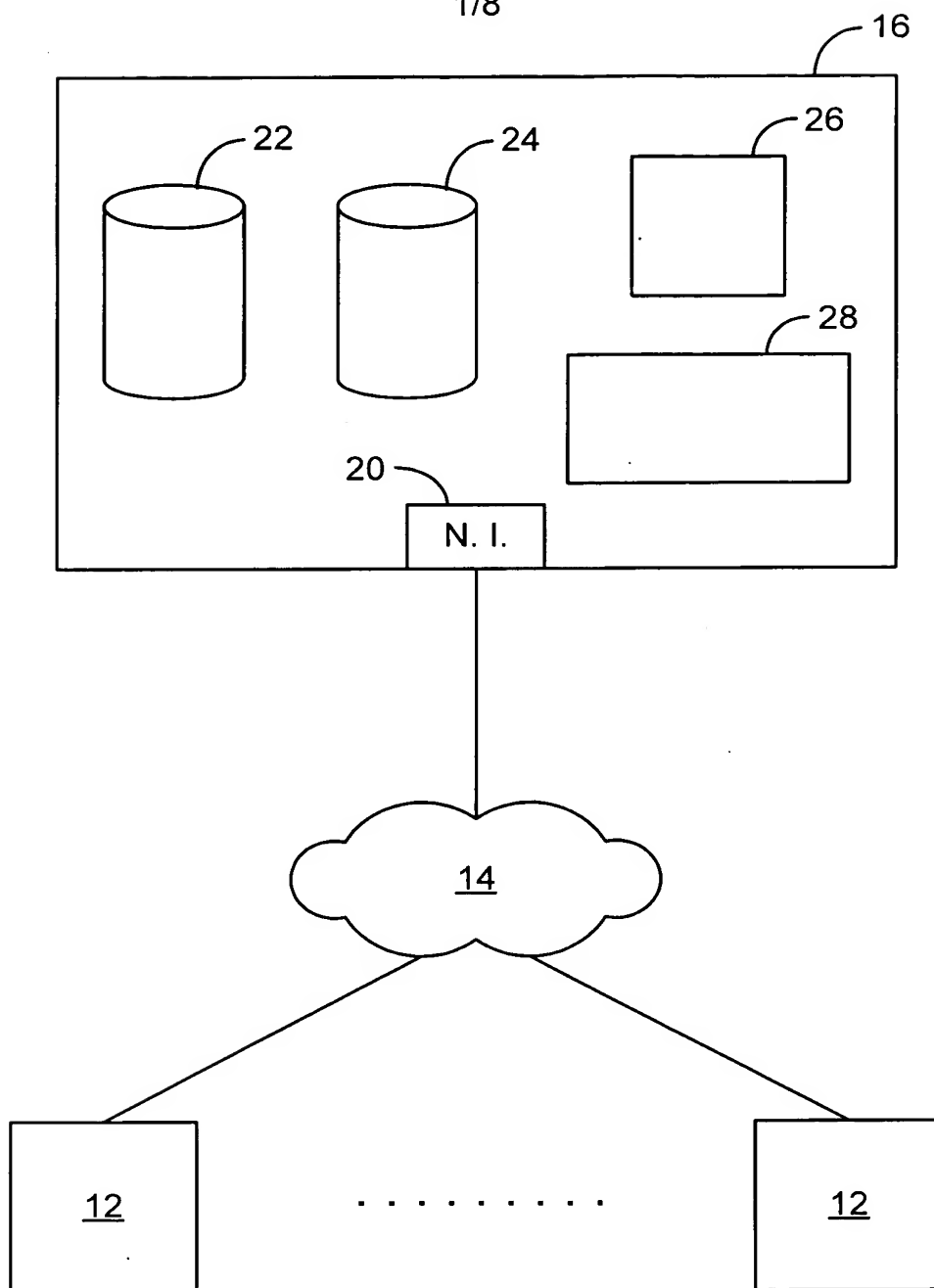


FIG. 1

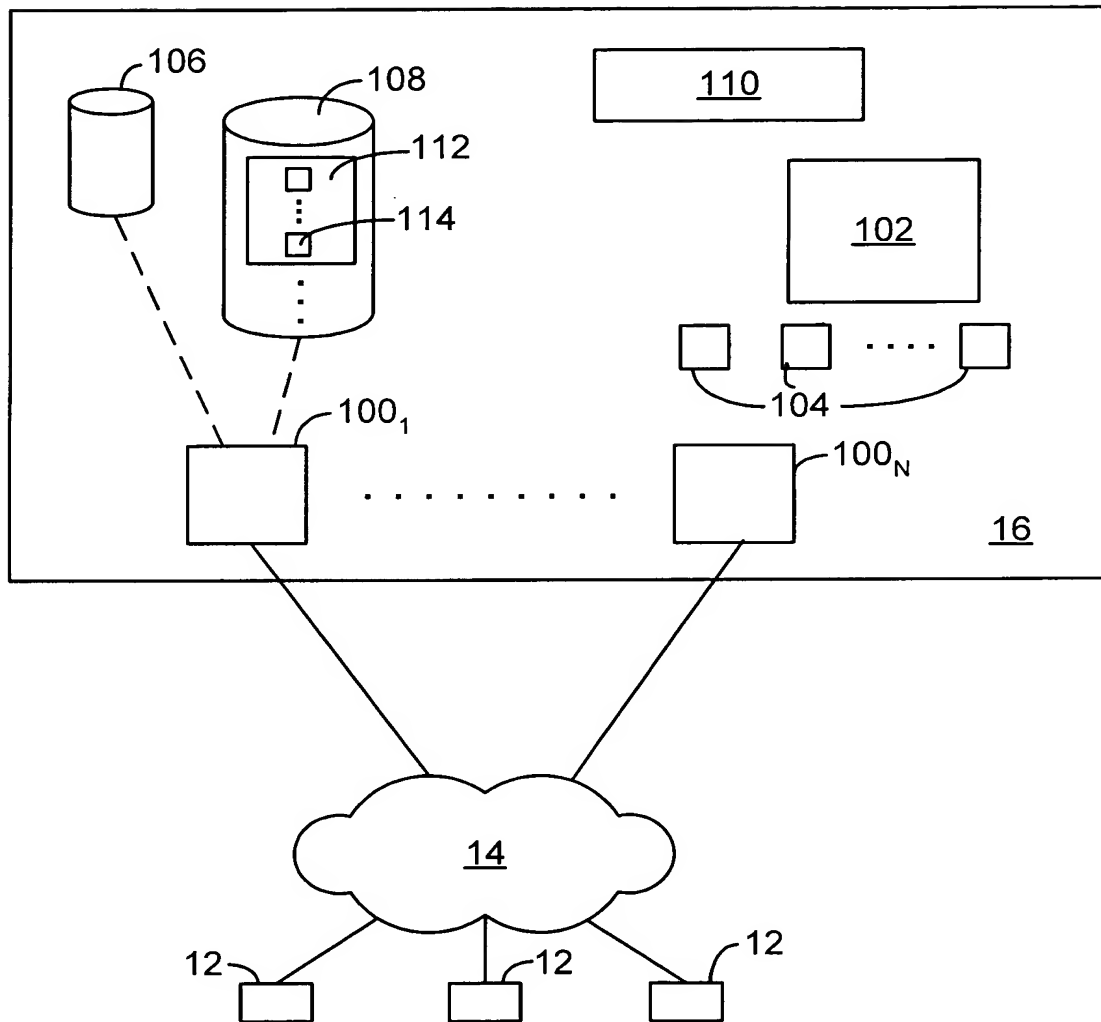
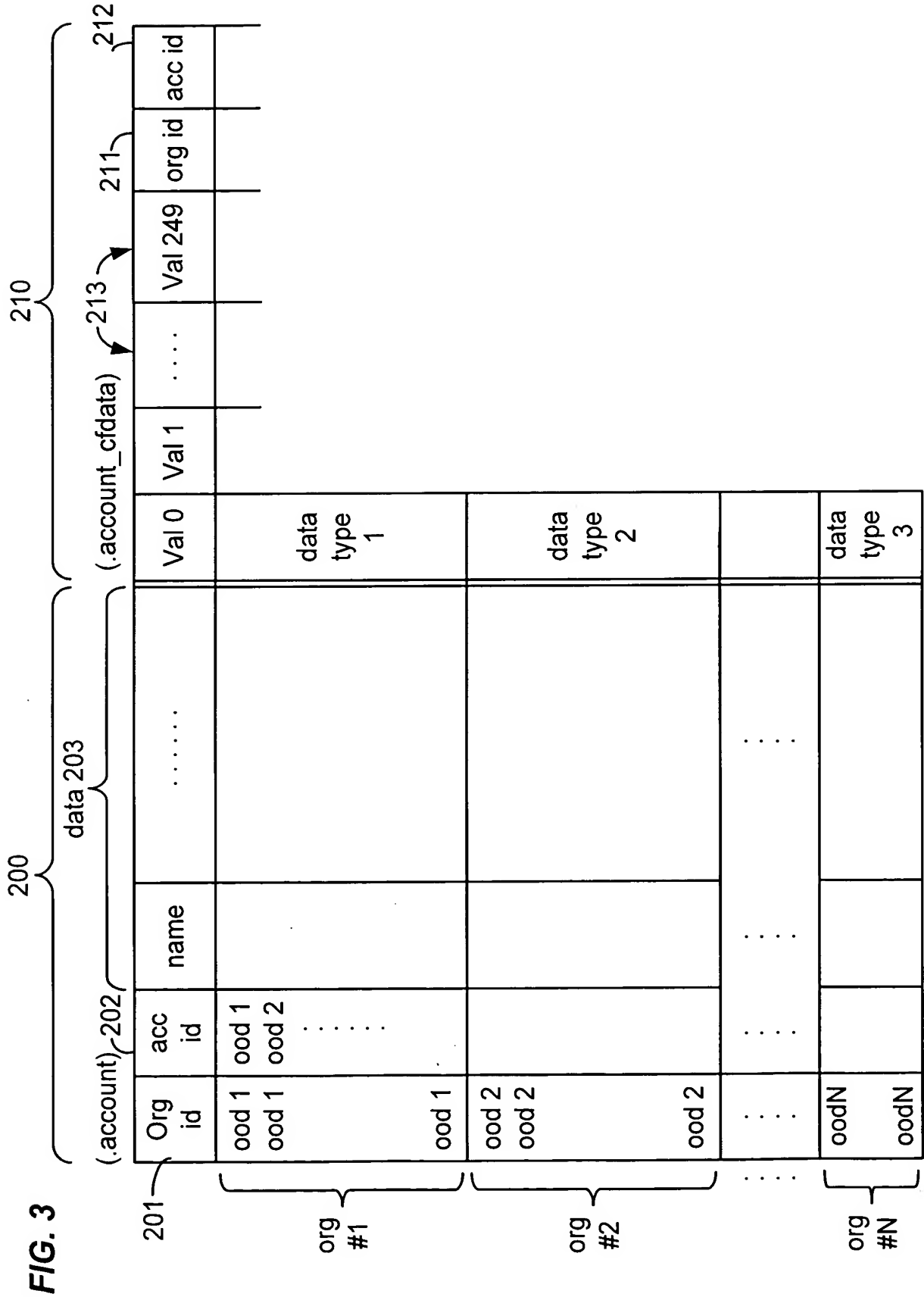
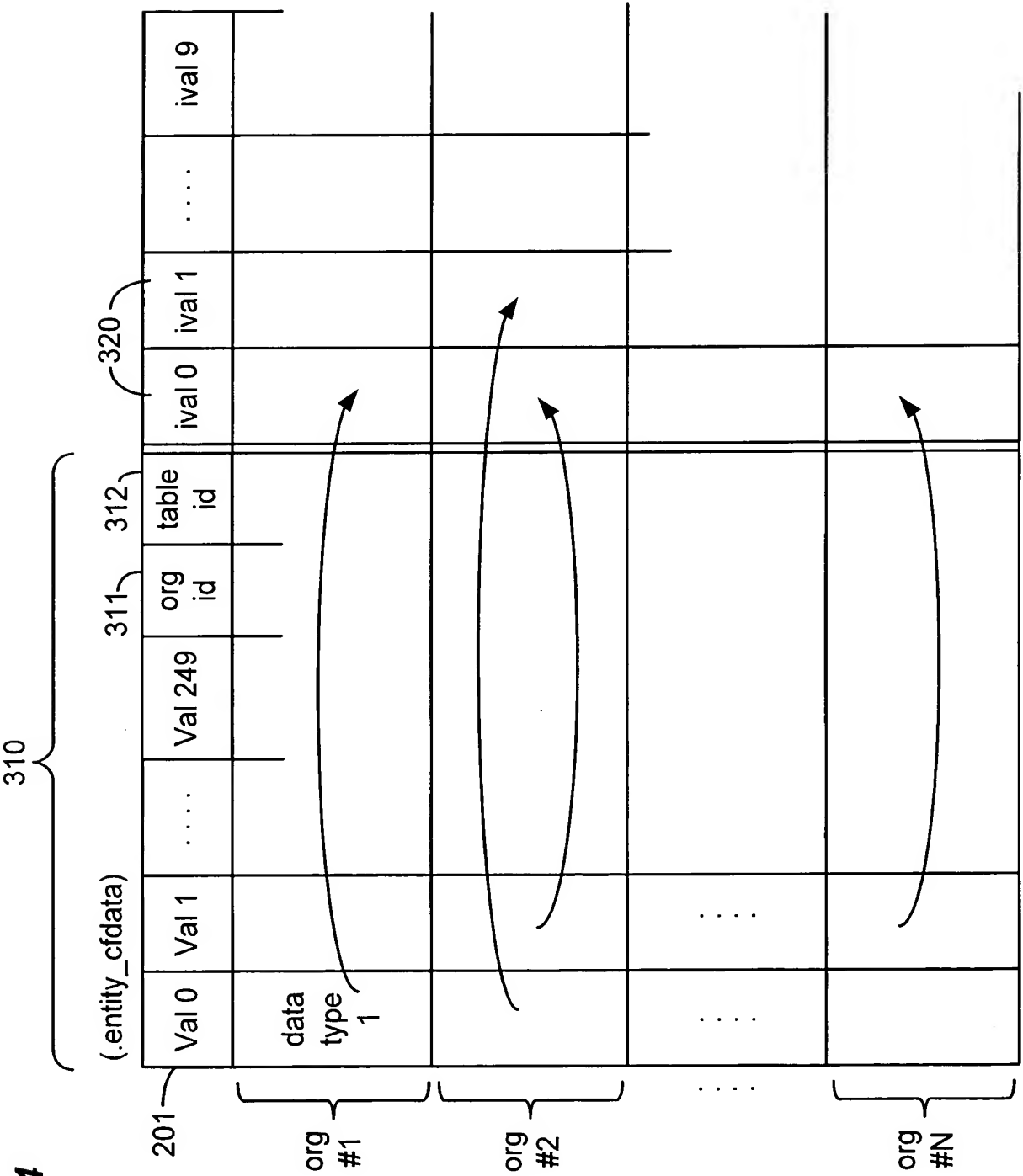


FIG. 2





400-

FIG. 5

The diagram illustrates a data structure 400, which is a table with multiple rows and columns. The columns are labeled as follows: Custom entity id, org id, val 0, val 1, ..., Val 249, ival 0, ..., ival N. The rows are grouped into three main sections: org #1, org #2, and org #N. Each section contains a group of rows labeled 450 and a group of rows labeled 460. The rows in group 450 are labeled with Custom entity id values (e.g., ao1.....1, ao1.....2, ..., ao1.....19) and org id values (e.g., ood 1, ood 2, ...). The rows in group 460 are labeled with Custom entity id values (e.g., ao2.....5, ao2.....6, ..., ao2.....29) and org id values (e.g., ood 1, ood 2, ...). The rows in group 460 are also labeled with data type values (e.g., data type 1, data type 2, ..., data type 3). The rows in group 450 are also labeled with data type values (e.g., data type 1, data type 2, ..., data type 3). The rows in group 460 are also labeled with data type values (e.g., data type 1, data type 2, ..., data type 3). The rows in group 450 are also labeled with data type values (e.g., data type 1, data type 2, ..., data type 3).

Custom entity id	org id	val 0	val 1	...	Val 249	ival 0	...	ival N
ao1.....1	ood 1							
ao1.....2	:							
ao1.....3	:							
ao1.....4	:							
ao2.....5	ood 1	data type 1						
ao2.....6	:	data type 2						
ao2.....7	:	data type 3						
ao3.....8	ood 1							
ao3.....9	:							
ao3.....10	:							
ao3.....14	ood 1							
ao1.....15	ood 2							
ao1.....16	:							
ao1.....19	:							
ao2.....20	ood 2							
ao2.....21	:							
ao2.....28	ood 2							
ao1.....29	ood 3							
:	:							

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500

Custom_field_definition

Custom_ field_ defn_id	Org_ id	table name or id	field name	field data name	is_ indexed	column- number
<u>510</u>	<u>520</u>	<u>530</u>	<u>540</u>	<u>550</u>	<u>560</u>	<u>570</u>

FIG. 6A

600

Custom_Entity_Definition

Custom_entity_ defn_id	Org_id	entity_ name	Key prefix
<u>610</u>	<u>620</u>	<u>630</u>	<u>640</u>

FIG. 6B

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701 .account		702		703		711 .account_cfdata		713	
Org id	acc id	name	other standard fields	org id	acc id	Val 0	Val 1	Val 0	Val 1
"ABC Corp"	ood 1	1	:	:	712	(web address)	(stock price)	(stock ticker)	
	ood 1	2	:	:					
	ood 1	8		ood 1	oo1...8	IBM.com	91.80	IBM	
	ood 1	9		ood 1	oo1...9	DELL.com	33.47	DELL	
	ood 1	10		ood 1	oo1..10	Apple.com	26.03	AAPL	
"123 Corp"	ood 1	:	:	:	:	:	:	:	:
	ood 2	48	:	:	:	(next annual mtg)	:	:	:
	ood 2	86							
	ood 2	87	Disney	ood 2	oo1..87	20050220			
	ood 2	88	Pixar	ood 2	oo1..88	20040918			
"XYZ Corp"	ood 2	:	:	:	:	:	:	:	:
	ood 2	:	:	:	:	:	:	:	:
	ood N	919	:	:	:	(Fiscal year)	:	:	:
	ood N	931							
	ood N	932	Disney	ood N	oo1...932	Q3			
ood N	:	:	:	:	:	:	:	:	:

FIG. 7

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Custom entity id	org id	Val 0	Val 1	Val 2	Val 3	Val 4
ao1.....1 ao1.....2 ⋮ ao1.....38	ood 1 ood 1 ⋮ ood 1					
ao2.....39 ⋮	ood 1 ⋮	(FK:acc id) ⋮	(asset name) ⋮	(asset value) ⋮	(asset depreciation) ⋮	(asset replacement date) ⋮
ao2.....53	ood 1	001.....9				20050601
ao2.....54	ood 1	001.....8				20060921
⋮	⋮	⋮	⋮	⋮	⋮	⋮
ao2.....61	ood 1	001.....10				20070331
⋮ ao2.....90	⋮	⋮	⋮	⋮	⋮	⋮
ao1.....91 ⋮	ood N					

"ABC
Corp"

.asset
(810)

"XYZ
Corp"

FIG. 8